

Saturday, January 26, 2013

Children and Patients at High Altitude

Chairs: *Annalisa Cogo, Hans H. Dickhuth*

- 13.30 - 13.55 Children at high altitude
Susi Kriemler
- 13.55 - 14.20 High altitude tolerance of cardiac patients
Simon Gibbs
- 14.20 - 14.45 Sudden death in the Austrian Alps
Martin Burtscher
- 14.45 - 15.10 High altitude tolerance of pulmonary patients
Andy Luks

Coffee Break

Athletes at High Altitude

Chairs: *Andreas Niess, Peter Ballmer*

- 15.30 - 15.55 High altitude acclimatization for improvement of sea level performance?
Carsten Lundby
- 15.55 - 16.20 Training in hypoxia for improvement of sea level performance?
Ben Levine
- 16.20 - 16.45 Blood doping under control?
Birgit Friedmann-Bette
- 16.45 - 16.50 Closing
Peter Bärtsch

End of the Day Lecture

Chair: *Peter Bärtsch*

- 17.15 - 18.15 Everest and beyond:
The world's highest metaphor
Tom Hornbein

List of Speakers

- Damian Bailey
Marc Berger
Martin Burtscher
Christoph Dehnert
Birgit Friedmann-Bette
Max Gassmann
Simon Gibbs
Ekkehard Grünig
Peter Hackett
Tom Hornbein
Michael Knauth
Susi Kriemler
Ben Levine
Andy Luks
Carsten Lundby
Marco Maggiorini
Heimo Mairbäurl
Robert Naeije
Oswald Oelz
Drummond Rennie
Jean-Paul Richalet
Urs Scherrer
Robert Schoene
Erik Swenson
- Glamorgan, UK
Heidelberg, Germany
Innsbruck, Austria
Tübingen, Germany
Heidelberg, Germany
Zürich, Switzerland
London, UK
Heidelberg, Germany
Telluride, CO, USA
Estes Park, CO, USA
Göttingen, Germany
Basel, Switzerland
Dallas, USA
Seattle, USA
Zürich, Switzerland
Zürich, Switzerland
Heidelberg, Germany
Brüssel, Belgium
Zürich, Switzerland
San Francisco, USA
Paris, France
Bern, Switzerland
San Diego, USA
Seattle, USA

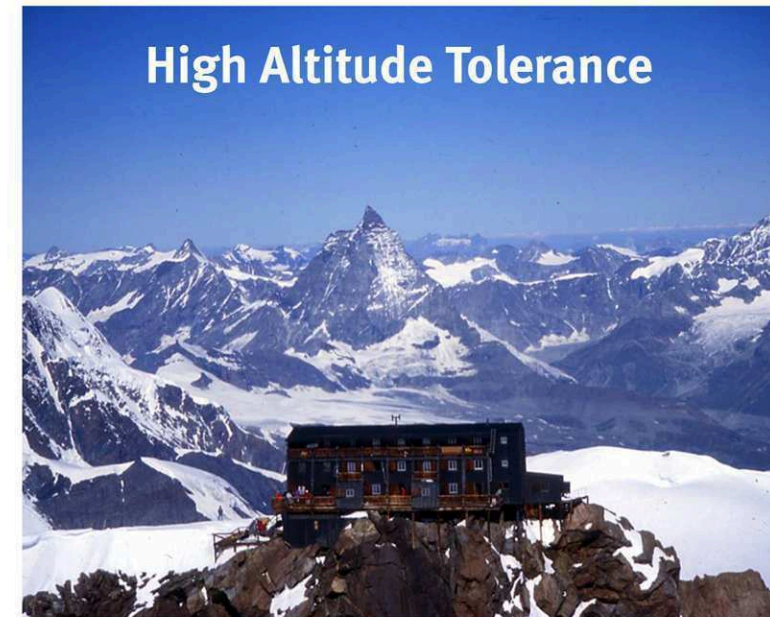
Contact and Symposium Address

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Heidelberg University Hospital

First Announcement



January 25 and 26 , 2013
Medical Clinic Heidelberg
Germany

Welcome to Heidelberg

Dear colleagues,



on the occasion of my retiring from the Chair of Sports Medicine in Heidelberg at the end of this winter semester, I would like to thank friends and partners with whom we have cooperated in patient care, teaching and research by inviting them to a symposium on human tolerance to high altitude. I am very pleased that so many friends in my primary research area accepted this invitation. Their coming to Heidelberg provides a unique opportunity for offering an update in mountain medicine with state of the art lectures from leading experts from the United States and Europe.

The symposium will be held in English and is open to all colleagues interested in mountain medicine.

Registration at www.klinikum.uni-heidelberg.de/sportmedizin no later than January 13, 2013, is mandatory for participation. It is free of charge except for a contribution to the costs of catering. CME credits will be awarded; 3 points were requested for Friday and 6 for Saturday.

On both days the public is invited free of charge to join the End of the Day Lectures, which are devoted to the history of mountain medicine and mountaineering and are given by well known outstanding climbing researchers.

It will be a great pleasure to welcome you to this unique symposium.

Peter Bärtsch
Prof. of Sports Medicine
University of Heidelberg

Friday, January 25, 2013

Acute High Altitude Illness I

Chairs: *Ralph Baumgartner, Peter Vock*

13.00 - 13.15 Welcome
Peter Bärtsch

13.15 - 13.40 Neuroimaging in AMS and HACE
Michael Knauth

13.40 - 14.05 Pathophysiology of AMS
Damian Bailey

14.05 - 14.30 Prevention of AMS and HACE by drugs
and treatment in the field
Peter Hackett

Coffee Break

O₂ Sensing and Tolerance to High Altitude

Chairs: *Rainald Fischer, Jim Milledge*

15.00 - 15.25 Hypoxic pulmonary vasoconstriction
and high altitude tolerance
Erik Swenson

15.25 - 15.50 Hypoxic pulmonary vasoconstriction:
Does it limit performance?
Robert Naeije

15.50 - 16.15 Hypoxic ventilatory response and
high altitude tolerance
Robert Schoene

16.15 - 16.40 Hypoxic response of alveolar
epithelium and high altitude
tolerance
Heimo Mairböurl

End of the Day Lectures

Chair: *Peter Bärtsch*

17.00 - 17.45 History of mountain medicine in Europe
Oswald Oelz

17:45 - 18:30 Charlie, Logan and Me: Man, Mountain,
Mouse
Drummond Rennie

Saturday, January 26, 2013

Acute High Altitude Illness II

Chairs: *Walter Reinhart, Jürgen Steinacker*

09.00 - 09.25 Clinic and pathophysiology of HAPE
Marco Maggiorini

09.25 - 09.50 Prevention of HAPE by drugs and
treatment in the field
Marc Berger

09.50 - 10.15 Prevention of high altitude illness
without drugs
Christoph Dehnert

10.15 - 10.40 Prediction of susceptibility to high
altitude illness
Jean-Paul Richalet

Coffee Break

Genetics of Tolerance to High Altitude

Chairs: *Wilhelm Bloch, Walter Haefeli*

11.10 - 11.35 Lessons from familial pulmonary
hypertension
Ekkehard Grünig

11.35 - 12.00 Lessons from Tibet
Max Gassmann

12.00 - 12.25 Epigenetics and high altitude
tolerance
Urs Scherrer

Lunch Break